#15

## **ENTERED**



OIPE

RAW SEQUENCE LISTING

DATE: 03/18/2003

PATENT APPLICATION: US/09/754,032

TIME: 10:37:16

Input Set : N:\Crf3\RULE60\09754032.RAW.txt
Output Set: N:\CRF4\03182003\1754032.raw

### SEQUENCE LISTING

```
3 (1) GENERAL INFORMATION:
              (i) APPLICANT: SCOTT, MATHEW P
      6
                             GOODRICH, LISA V
      7
                             JOHNSON, RONALD L
      9
             (ii) TITLE OF INVENTION: Patched Genes and their Use
     11
            (iii) NUMBER OF SEQUENCES: 19
     13
             (iv) CORRESPONDENCE ADDRESS:
     14
                   (A) ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
                   (B) STREET: Four Embarcadero Center, Suite 3400
     15
     16
                   (C) CITY: San Francisco
     17
                   (D) STATE: CA
     18
                   (E) COUNTRY: US
     19
                   (F) ZIP: 94111
     21
              (v) COMPUTER READABLE FORM:
     22
                   (A) MEDIUM TYPE: Floppy disk
     23
                   (B) COMPUTER: IBM PC compatible
     24
                   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     25
                   (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
     27
            (vi) CURRENT APPLICATION DATA:
C--> 28
                   (A) APPLICATION NUMBER: US/09/754,032
C--> 29
                   (B) FILING DATE: 03-Jan-2001
W--> 34
                   (C) CLASSIFICATION: 435
     31
           (vii) PRIOR APPLICATION DATA:
                   (A) APPLICATION NUMBER: US/08/540,406
     32
                   (B) FILING DATE: 06-OCT-1995
     33
     35
          (viii) ATTORNEY/AGENT INFORMATION:
     36
                  (A) NAME: Rowland, Bertram I
     37
                   (B) REGISTRATION NUMBER: 20015
                   (C) REFERENCE/DOCKET NUMBER: a60190-1
     38
     40
            (ix) TELECOMMUNICATION INFORMATION:
     41
                  (A) TELEPHONE: 415-781-1989
     42
                  (B) TELEFAX: 415-398-3249
     45 (2) INFORMATION FOR SEQ ID NO: 1:
     47
             (i) SEQUENCE CHARACTERISTICS:
     48
                  (A) LENGTH: 736 base pairs
     49
                  (B) TYPE: nucleic acid
     50
                  (C) STRANDEDNESS: single
     51
                  (D) TOPOLOGY: linear
            (ii) MOLECULE TYPE: DNA (genomic)
    53
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
     60 AACNNCNNTN NATGGCACCC CCNCCCAACC TTTNNNCCNN NTAANCAAAA NNCCCCNTTT
                                                                                  60
    62 NATACCCCCT NTAANANTTT TCCACCNNNC NNAAANNCCN CTGNANACNA NGNAAANCCN
                                                                                120
```

### RAW SEQUENCE LISTING DATE: 03/18/2003 PATENT APPLICATION: US/09/754,032 TIME: 10:37:16

Input Set: N:\Crf3\RULE60\09754032.RAW.txt
Output Set: N:\CRF4\03182003\I754032.raw

```
64 TTTTTNAACC CCCCCCACCC GGAATTCCNA NTNNCCNCCC CCAAATTACA ACTCCAGNCC
                                                                                180
     66 AAAATTNANA NAATTGGTCC TAACCTAACC NATNGTTGTT ACGGTTTCCC CCCCCAAATA
                                                                                240
     68 CATGCACTGG CCCGAACACT TGATCGTTGC CGTTCCAATA AGAATAAATC TGGTCATATT
                                                                                300
     70 AAACAAGCCN AAAGCTTTAC AAACTGTTGT ACAATTAATG GGCGAACACG AACTGTTCGA
                                                                                360
     72 ATTCTGGTCT GGACATTACA AAGTGCACCA CATCGGATGG AACCAGGAGA AGGCCACAAC
                                                                                420
     74 CGTACTGAAC GCCTGGCAGA AGAAGTTCGC ACAGGTTGGT GGTTGGCGCA AGGAGTAGAG
                                                                                480
     76 TGAATGGTGG TAATTTTTGG TTGTTCCAGG AGGTGGATCG TCTGACGAAG AGCAAGAAGT .
                                                                                540
     78 CGTCGAATTA CATCTTCGTG ACGTTCTCCA CCGCCAATTT GAACAAGATG TTGAAGGAGG
                                                                                600
     80 CGTCGAANAC GGACGTGGTG AAGCTGGGGG TGGTGCTGGG GGTGGCGGCG GTGTACGGGT
                                                                                660
     82 GGGTGGCCCA GTCGGGGCTG GCTGCCTTGG GAGTGCTGGT CTTNGCGNGC TNCNATTCGC
                                                                                720
     84 CCTATAGTNA GNCGTA
                                                                                736
     86 (2) INFORMATION FOR SEQ ID NO: 2:
             (i) SEQUENCE CHARACTERISTICS:
     89
                  (A) LENGTH: 107 amino acids
     90
                  (B) TYPE: amino acid
     91
                  (C) STRANDEDNESS: single
                  (D) TOPOLOGY: linear
     94
            (ii) MOLECULE TYPE: protein
     99
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
              Xaa Pro Pro Pro Asn Tyr Asn Ser Xaa Pro Lys Xaa Xaa Xaa Leu Val
W--> 101
     102
                                                   10
     104
              Leu Thr Pro Xaa Val Val Thr Val Ser Pro Pro Lys Tyr Met His Trp
     105
             Pro Glu His Leu Ile Val Ala Val Pro Ile Arg Ile Asn Leu Val Ile
     107
     108
                                           40
     110
              Leu Asn Lys Pro Lys Ala Leu Gln Thr Val Val Gln Leu Met Gly Glu
     111
                                      55
     113
              His Glu Leu Phe Glu Phe Trp Ser Gly His Tyr Lys Val His His Ile
     114
                                  70
                                                      75
             Gly Trp Asn Gln Glu Lys Ala Thr Thr Val Leu Asn Ala Trp Gln Lys
     116
     117
                              85
                                                   90
     119
             Lys Phe Ala Gln Val Gly Gly Trp Arg Lys Glu
                          100
    122 (2) INFORMATION FOR SEQ ID NO: 3:
    124
             (i) SEQUENCE CHARACTERISTICS:
    125
                   (A) LENGTH: 5187 base pairs
    126
                   (B) TYPE: nucleic acid
    127
                   (C) STRANDEDNESS: single
    128
                   (D) TOPOLOGY: linear
    130
             (ii) MOLECULE TYPE: cDNA
             (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
    137 GGGTCTGTCA CCCGGAGCCG GAGTCCCCGG CGGCCAGCAG CGTCCTCGCG AGCCGAGCGC
                                                                                 60
    139 CCAGGCGCG CCGGAGCCCG CGGCGGCGGC GGCAACATGG CCTCGGCTGG TAACGCCGCC
                                                                                120
    141 GGGGCCCTGG GCAGGCAGGC CGGCGGGGG AGGCGCAGAC GGACCGGGGG ACCGCACCGC
                                                                                180
    143 GCCGCGCCGG ACCGGGACTA TCTGCACCGG CCCAGCTACT GCGACGCCGC CTTCGCTCTG
                                                                                240
    145 GAGCAGATTT CCAAGGGGAA GGCTACTGGC CGGAAAGCGC CGCTGTGGCT GAGAGCGAAG
                                                                                300
    147 TTTCAGAGAC TCTTATTTAA ACTGGGTTGT TACATTCAAA AGAACTGCGG CAAGTTTTTG
                                                                                360
    149 GTTGTGGGTC TCCTCATATT TGGGGCCTTC GCTGTGGGAT TAAAGGCAGC TAATCTCGAG
                                                                                420
    151 ACCAACGTGG AGGAGCTGTG GGTGGAAGTT GGTGGACGAG TGAGTCGAGA ATTAAATTAT
                                                                                480
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/754,032

DATE: 03/18/2003 TIME: 10:37:16

Input Set : N:\Crf3\RULE60\09754032.RAW.txt
Output Set: N:\CRF4\03182003\I754032.raw

							5.40
			AGAGGCTATG				540
			TCTGACCACA				600
157	CTCCAGGCCA	GTCGTGTGCA	CGTCTACATG	TATAACAGGC	AATGGAAGTT	GGAACATTTG	660
159	TGCTACAAAT	CAGGGGAACT	TATCACGGAG	ACAGGTTACA	TGGATCAGAT	AATAGAATAC	720
			TACACCTTTG				780
			AGGTAAGCCT				840
			GAAAATAAAC				900
			TGGGTACATG				960
			TAACAAAAAT				1020
			TTTATCCAGG				1080
			TGCCACTGGA				1140
175			CAAGCAAATG				1200
177			AGACAGGGCA				1260
			AAGTGTCGCC				1320
			CATCCTAAAA.				1380
			GCTTGCCTAT				1440
185	TCCAAGTCCC	AGGGTGCCGT	GGGGCTGGCT	GGCGTCCTGT	TGGTTGCGCT	GTCAGTGGCT	1500
187			CTTGATTGGC				1560
189			TGTTGGTGTG				1620
			GAGGATTCCA				1680
193	CGCACCGGAG	CCAGCGTGGC	CCTCACCTCC	ATCAGCAATG	TCACCGCCTT	CTTCATGGCC	1740
			CCTGCGAGCG				1800
			GCTCATTTTT				1860
			TATTTTCTGC				1920
			CTACACAGAG				1980
			CTTCGCCCAC				2040
			CCCTCACACG				2100
			TGTTACCGTC				2160
209	GAGAGCACCA	GCTCTACCAG	GGACCTGCTC	TCCCAGTTCT	CAGACTCCAG	CCTCCACTGC	2220
			GTGGACACTC				2280
			CAAGGTTGTG				2340
			CCGAGTGAGA				2400
			CTTCATAGCT				2460
			AGCAGACTAC				2520
			GAAGTATGTC				2580
			AGACTGGCTT				2640
			GCCAAACAAT				2700
			GACTGGCAGC				2760
			CGCAGATGGC				2820
231	CTGACCGCTT	GGGTCAGCAA	CGACCCTGTA	GCTTACGCTG	CCTCCCAGGC	CAACATCCGG	2880
			CCATGACAAA				2940
			CGAGTACGCT				3000
237	GACACCTCAG	ACTTTGTGGA	AGCCATAGAA	AAAGTGAGAG	TCATCTGTAA	CAACTATACG	3060
239	AGCCTGGGAC	TGTCCAGCTA	CCCCAATGGC	TACCCCTTCC	TGTTCTGGGA	GCAATACATC	3120
241	AGCCTGCGCC	ACTGGCTGCT	GCTATCCATC	AGCGTGGTGC	TGGCCTGCAC	GTTTCTAGTG	3180
			CCCCTGGACG				3240
			CATGATGGGC				3300
			TGTTGGCATC				3360
249	GCCTTTCTGA	CAGCCATTGG	GGACAAGAAC	CACAGGGCTA	TGCTCGCTCT	GGAACACATG	3420

# RAW SEQUENCE LISTING PATENT APPLICATION: US/09/754,032 DATE: 03/18/2003 TIME: 10:37:16

Input Set : N:\Crf3\RULE60\09754032.RAW.txt
Output Set: N:\CRF4\03182003\I754032.raw

```
251 TTTGCTCCCG TTCTGGACGG TGCTGTGTCC ACTCTGCTGG GTGTACTGAT GCTTGCAGGG
                                                                            3480
 253 TCCGAATTTG ATTTCATTGT CAGATACTTC TTTGCCGTCC TGGCCATTCT CACCGTCTTG
                                                                           3540
 255 GGGGTTCTCA ATGGACTGGT TCTGCTGCCT GTCCTCTTAT CCTTCTTTGG ACCGTGTCCT
                                                                           3600
 257 GAGGTGTCTC CAGCCAATGG CCTAAACCGA CTGCCCACTC CTTCGCCTGA GCCGCCTCCA
                                                                            3660
 259 AGTGTCGTCC GGTTTGCCGT GCCTCCTGGT CACACGAACA ATGGGTCTGA TTCCTCCGAC
                                                                           3720
 261 TCGGAGTACA GCTCTCAGAC CACGGTGTCT GGCATCAGTG AGGAGCTCAG GCAATACGAA
                                                                           3780
 263 GCACAGCAGG GTGCCGGAGG CCCTGCCCAC CAAGTGATTG TGGAAGCCAC AGAAAACCCT
                                                                           3840
 265 GTCTTTGCCC GGTCCACTGT GGTCCATCCG GACTCCAGAC ATCAGCCTCC CTTGACCCCT
 267 CGGCAACAGC CCCACCTGGA CTCTGGCTCC TTGTCCCCTG GACGGCAAGG CCAGCAGCCT
                                                                           3960
 269 CGAAGGGATC CCCCTAGAGA AGGCTTGCGG CCACCCCCT ACAGACCGCG CAGAGACGCT
                                                                           4020
 271 TTTGAAATTT CTACTGAAGG GCATTCTGGC CCTAGCAATA GGGACCGCTC AGGGCCCCGT
                                                                           4080
 273 GGGGCCCGTT CTCACAACCC TCGGAACCCA ACGTCCACCG CCATGGGCAG CTCTGTGCCC
                                                                           4140
 275 AGCTACTGCC AGCCCATCAC CACTGTGACG GCTTCTGCTT CGGTGACTGT TGCTGTGCAT
                                                                           4200
 277 CCCCCGCCTG GACCTGGGCG CAACCCCCGA GGGGGGCCCT GTCCAGGCTA TGAGAGCTAC
                                                                           4260
 279 CCTGAGACTG ATCACGGGGT ATTTGAGGAT CCTCATGTGC CTTTTCATGT CAGGTGTGAG
                                                                           4320
 281 AGGAGGGACT CAAAGGTGGA GGTCATAGAG CTACAGGACG TGGAATGTGA GGAGAGGCCG
                                                                           4380
 283 TGGGGGAGCA GCTCCAACTG AGGGTAATTA AAATCTGAAG CAAAGAGGCC AAAGATTGGA
                                                                           4440
285 AAGCCCCGCC CCCACCTCTT TCCAGAACTG CTTGAAGAGA ACTGCTTGGA ATTATGGGAA
                                                                           4500
287 GGCAGTTCAT TGTTACTGTA ACTGATTGTA TTATTKKGTG AAATATTTCT ATAAATATTT
                                                                           4560
289 AARAGGTGTA CACATGTAAT ATACATGGAA ATGCTGTACA GTCTATTTCC TGGGGCCTCT
291 CCACTCCTGC CCCAGAGTGG GGAGACCACA GGGGCCCTTT CCCCTGTGTA CATTGGTCTC
                                                                           4620
                                                                           4680
293 TGTGCCACAA CCAAGCTTAA CTTAGTTTTA AAAAAAATCT CCCAGCATAT GTCGCTGCTG
                                                                           4740
295 CTTAAATATT GTATAATTTA CTTGTATAAT TCTATGCAAA TATTGCTTAT GTAATAGGAT
                                                                           4800
297 TATTTGTAAA GGTTTCTGTT TAAAATATTT TAAATTTGCA TATCACAACC CTGTGGTAGG
                                                                           4860
299 ATGAATTGTT ACTGTTAACT TTTGAACACG CTATGCGTGG TAATTGTTTA ACGAGCAGAC
                                                                           4920
301 ATGAAGAAA CAGGTTAATC CCAGTGGCTT CTCTAGGGGT AGTTGTATAT GGTTCGCATG
                                                                           4980
303 GGTGGATGTG TGTGTGCATG TGACTTTCCA ATGTACTGTA TTGTGGTTTG TTGTTGTTGT
305 TGCTGTTGTT GTTCATTTTG GTGTTTTTGG TTGCTTTGTA TGATCTTAGC TCTGGCCTAG
307 GTGGGCTGGG AAGGTCCAGG TCTTTTTCTG TCGTGATGCT GGTGGAAAGG TGACCCCAAT
                                                                           5160
309 CATCTGTCCT ATTCTCTGGG ACTATTC
                                                                           5187
311 (2) INFORMATION FOR SEQ ID NO: 4:
313
         (i) SEQUENCE CHARACTERISTICS:
314
              (A) LENGTH: 1311 amino acids
315
              (B) TYPE: amino acid
316
              (C) STRANDEDNESS: single
317
              (D) TOPOLOGY: linear
319
        (ii) MOLECULE TYPE: protein
324
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
        Met Val Ala Pro Asp Ser Glu Ala Pro Ser Asn Pro Arg Ile Thr Ala
326
327
         1
                                              10
        Ala His Glu Ser Pro Cys Ala Thr Glu Ala Arg His Ser Ala Asp Leu
329
330
                                         25
         Tyr Ile Arg Thr Ser Trp Val Asp Ala Ala Leu Ala Leu Ser Glu Leu
332
333
                                     40
        Glu Lys Gly Asn Ile Glu Gly Gly Arg Thr Ser Leu Trp Ile Arg Ala
335
336
                                 55
        Trp Leu Gln Glu Gln Leu Phe Ile Leu Gly Cys Phe Leu Gln Gly Asp
338
339
                             70
        Ala Gly Lys Val Leu Phe Val Ala Ile Leu Val Leu Ser Thr Phe Cys
341
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RAW SEQUENCE LISTING DATE: 03/18/2003 PATENT APPLICATION: US/09/754,032 TIME: 10:37:16

Input Set : N:\Crf3\RULE60\09754032.RAW.txt
Output Set: N:\CRF4\03182003\I754032.raw

	342					85					90					95	
	344	Val	Glv	Leu	Lvs		Ala	Gln	Ile	His		Ara	Val	Asp	Gln	Leu	Trp
	345		<b>0</b> -1		100					105		,		-	110		-
	347	Val	Gln	Glu		Glv	Ara	Leu	Glu	Ala	Glu	Leu	Lys	Tyr	Thr	Ala	Gln
	348		<b></b>	115	1	1	5		120				-	125			
	350	Ala	Len		Glu	Ala	Asp	Ser		Thr	His	Gln	Leu	Val	Ile	Gln	Thr
	351		130	0-1	010			135	-,				140				
	353	Δla		Asn	Pro	Asn	Val	Ser	Len	Len	His	Pro		Ala	Leu	Leu	Glu
	354	145	БУЗ	7150	110	nop	150	001	200			155	0-1				160
	356		Lou	Tue	V = 1	V = 1		Ala	Δla	Thr	Ara		Thr	Val	His	Met	
	357	1113	пеа	цуз	Val	165	1115	1114	1114	****	170					175	- 1 -
		7 cn	Tlo	Clu	Trn		Lau	Lys	Aen	Len		Tvr	Ser	Pro	Ser		Pro
	359	АЅР	116	GIU	180	Arg	neu	БУЗ	лэр	185	Суз	1 7 1	JCI	110	190	110	110
	360	7	Dho	C1		m	uio	His	т1.		Sor	Tlo	Tla	Aen		Val	Tle
	362	ASP	Pne		СТУ	ıyı	птэ	птэ	200	Giu	261	116	110	205	LOII	Val	110
	363	D	C	195	т1-	Tla	mb ~	Dwo		7 cn	Cvc	Dho	Тхъ		Glv	Sar	Luc
	365	Pro	210	Ата	тте	тте	1111	Pro 215	ьеи	ASP	СУЗ	rne	220	Giu	<u>от у</u>	Ser	цуз
	366	T 011		C1.,	Dro	7 cn	ጥ፣፣፦	Pro	Tlo	ጥኒኒዮ	V = 1	Pro		T.011	Lvs	His	I.vs
	368 369	225	ьеи	Gry	PIO	ASP	230	FIO	116	ıyı	vai	235	1113	пси	цуз	1113	240
			C15	Ψ××	Thγ	uic		Asn	Dro	Lan	Glu		Val	Glu	Glu	Val	
	371 372	ьеи	GIII	пр	1111	245	пеп	ASII	110	пеп	250	Val	Val	Oiu	Olu	255	цуо
		T	Ton	T 110	Dho		Dho	Pro	Lau	Sar		Tla	Glu	Δla	Tur		Lvs
	374 375	гуз	ьеu	гу	260	GIII	rne	FIO	пец	265	1111	110	Olu	7110	270	1100	Lyo
	377	Ara	Δla	Glv		Thr	Ser	Ala	Tvr		Lvs	Lvs	Pro	Cvs	Leu	Asp	Pro
	378	111 9	1114	275		****	001		280		-1-	-1-		285			
	380	Thr	Asp		His	Cvs	Pro	Ala		Ala	Pro	Asn	Lvs	Lys	Ser	Gly	His
	381		290			- 1		295					300	-		-	
	383	Ile		Asp	Val	Ala	Ala	Glu	Leu	Ser	His	Gly	Cys	Tyr	Gly	Phe	Ala
	384	305		1-			310					315	-	•	-		320
	386		Ala	Tvr	Met	His	Trp	Pro	Glu	Gln	Leu	Ile	Val	Gly	Gly	Ala	Thr
	387			-		325	-				330					335	
W>		Arg	Asn	Ser	Thr	Ser	Ala	Leu	Arg	Lys	Ala	Arg	Xaa	Leu	Gln	Thr	Val
	390				340					345					350		
	392	Val	Gln	Leu	Met	Gly	Glu	Arg	Glu	Met	Tyr	Glu	Tyr	Trp	Ala	Asp	His
	393			355					360					365			
	395	Tyr	Lys	Val	His	Gln	Ile	Gly	Trp	Asn	Gln	Glu	Lys	Ala	Ala	Ala	Val
	396	-	370					375					380				
	398	Leu	Asp	Ala	Trp	Gln	Arg	Lys	Phe	Ala	Ala	Glu	Val	Arg	Lys	Ile	Thr
	399	385	•		_		390					395					400
	401		Ser	Gly	Ser	Val	Ser	Ser	Ala	Tyr	Ser	Phe	Tyr	Pro	Phe	Ser	Thr
	402			_		405				-	410		-			415	
	404	Ser	Thr	Leu	Asn	Asp	Ile	Leu	Gly	Lys	Phe	Ser	Glu	Val	Ser	Leu	Lys
	405				420	- L			4	425					430		-
	407	Asn	Tle	Tle		Glv	Tvr	Met	Phe	Met	Leu	Ile	Tvr	Val	Ala	Val	Thr
	408			435		1	- 1 -		440				-	445			
	410	Len	Tle		Tro	Arσ	Asp	Pro		Ara	Ser	Gln	Ala		Val	Gly	Ile
	411	200	450			9		455		9			460	- 4		_	
	411	Δ15		Va 1	Len	Len	I.e.ii	Ser	Tle	Thr	Val	Ala		Glv	Leu	Glv	Phe
	413	465	ОТУ	v a 1	ьçu	neu.	470	001		* * * * * *		475		1		1	480
	ата	400					- , O					.,,					

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/754,032

DATE: 03/18/2003 TIME: 10:37:17

Input Set : N:\Crf3\RULE60\09754032.RAW.txt
Output Set: N:\CRF4\03182003\1754032.raw

#### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 4,5,7,8,10,11,23,34,35,36,39,40,41,45,51,52,57,61,71,75,77 Seq#:1; N Pos. 87,88,89,91,92,96,97,100,104,106,109,111,113,117,120,126,149

Seq#:1; N Pos. 151,153,154,157,178,187,189,191,211,214,310,608,704,708,712

Seq#:1; N Pos. 714,729,732

Seq#:2; Xaa Pos.1,9,12,13,14,20

Seq#:4; Xaa Pos.348,908

Seq#:7; N Pos. 114,225,261

Seq#:8; Xaa Pos.75,87

Seq#:14; N Pos. 16,25

Seq#:15; N Pos. 24

Seq#:16; N Pos. 13,16

Seq#:17; N Pos. 20

### VERIFICATION SUMMARY

PATENT APPLICATION: US/09/754,032

DATE: 03/18/2003 TIME: 10:37:17

Input Set : N:\Crf3\RULE60\09754032.RAW.txt Output Set: N:\CRF4\03182003\I754032.raw

L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:34 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)

L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

M:341 Repeated in SeqNo=2

L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:336

M:341 Repeated in SeqNo=4

L:1047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:64

M:341 Repeated in SeqNo=8